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COUNTY COUNCIL OF DUNBARTON



Annual Report  
on the  
Medical Inspection of  
School Children

By SAMUEL HARVEY,  
M.B., Ch.B., D.P.H., M.R.C.P.(Edin.)

*County Medical Officer and  
Principal School Medical Officer*

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1968-69

(Year ending 31st July, 1969)



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*To the Secretary of State for Scotland and the County Council of the  
County of Dunbarton*

LADIES AND GENTLEMEN,

I beg to submit the Annual Report on the Medical Inspection  
and Treatment of School Children for the year ended 31st July 1969.

I am, Ladies and Gentlemen,

Your obedient servant,

SAMUEL HARVEY,  
*County Medical Officer and  
Principal School Medical Officer.*

HEALTH AND WELFARE DEPARTMENT,  
COUNTY COUNCIL OFFICES,  
DUMBARTON.



# COUNTY COUNCIL OF DUNBARTON

## SCHOOL MEDICAL STAFF

### *Principal School Medical Officer*

SAMUEL HARVEY, M.B., Ch.B., D.P.H., M.R.C.P.(Edin.)

### *Depute Principal School Medical Officer*

IAIN MACLEOD, M.B., Ch.B., D.P.H.

### *Senior Medical Officer (Mental Health)*

JAMES G. YOUNG, M.B., Ch.B., D.P.H.

### *School Medical Officers*

CHARLES C. SLORACH, M.B., Ch.B., D.P.H. (Part-time)

AGNES W. B. F. O'GORMAN, L.R.C.P., L.R.C.S.(Edin.),  
L.R.F.P.S.(Glas.), D.P.H.

DAVID B. CAMPBELL, M.B., Ch.B., D.P.H. (Part-time)

GORDON M. FERGUSON, M.B., Ch.B.(Glas.), D.P.H.

Resigned 15.12.68

JOHN T. CUNNINGHAM, M.B., Ch.B., D.P.H.

CELIA M. CAMERON, L.R.C.P.(E), L.R.C.S.(E), L.R.F.P. & S.C.,  
D.P.H.

### *Chief Dental Officer*

SHEILA S. STEWART, L.D.S., F.R.P.S.(Glas.)

### *Dental Surgeons*

MARY W. DINN, L.D.S.

JAMES H. FERGUSON, L.D.S.

JOHN MCFARLANE, B.D.S.

ALAN McLEAN, L.D.S., F.R.P.S.(G)

NORMA URQUHART, B.D.S.

Commenced 1.4.69

ERIC W. H. HOUGHTON, B.D.S.

Commenced 17.3.69

DOUGLAS J. REID, B.D.S.

SUSANNE M. GRANGER, B.D.S.

### *Senior Dental Technician*

JAMES FYFE

### *Ophthalmic Surgeon*

WM. WILSON, M.B., Ch.B., F.R.C.S.(Edin.), D.O.(Eng.)

### *Ear, Nose and Throat Specialist*

W. GOUDIELOCK HOOD, M.B., Ch.B., F.R.F.P.S.

### *Anaesthetists*

H. P. COOPER HARRISON, M.B., Ch.B.

WM. AULD, M.B., Ch.B., D.A., F.F.A.R.C.S.

ALEX. BOYD, M.B., Ch.B.

### *Physiotherapists*

AGNES MCF. MALCOLM

ELIZABETH M. Y. McNICOL

JEAN S. A. HOWATT

MARGARET S. BLAIR

*Superintendent of Nurses*  
VIOLET M. BREMNER, R.G.N., S.C.M., Q.N., H.V.

*Deputy Superintendent of Nurses*  
JANET RITCHIE, R.G.N., S.C.M., Q.N., H.V.

*Nursing Staff*

KATHERINE S. STEVENSON	BARBARA CAFFEL
ALICE GEE	ELIZABETH T. CRAWFORD
*CHRISTINA S. L. KING	ELIZABETH A. SANDILANDS
MARGARET CALLANDER	Resigned 23.6.69
MARGARET G. MILLER	MARGARET M. MACDONALD
MARY CALLAGHAN	Resigned 15.9.68
CATHERINE M. SCOBIE	CATHERINE DEMPSEY
*R. L. SHAW	EMMA B. SMITH
DOROTHY FROUDE	M. MARTIN
*J. McLAFFERTY	MARGARET McLURE
AGNES CLYDESDALE	DOREEN STOKER
*MARGARET SMITH	*JEAN ANDERSON
*SADIE LYTTLE	JEAN HOWIESON
FLORA B. MACKENZIE	MARGARET MACKENZIE
Resigned 23.3.69	Resigned 14.4.68
J. I. U. CONDIE	JACQUELINE MASON
JEAN P. MCHAFFIE	Resigned 2.3.69
AGNES M. PATON	CATHERINE H. MACKAY
HARRIET M. CAMERON	Resigned 30.6.69
Commenced 16.5.69	ELIZABETH JOHNSON
CLARA B. ROY	ANNIE J. SUTHERLAND
Commenced 2.9.68	Commenced 24.2.69
FRANCES CAMPBELL	
Commenced 2.9.68	

\*Employed solely on school medical duties

*Audiometricians*  
THERESA KEITH  
MARJORY ALBISTON  
ANNE LAIRD Commenced 23.3.69

*Orthopist*  
Vacant

*Dental Attendants*

MARGARET SAMSON	CATH. M. WALTON
MARJORIE E. P. GARDNER	Commenced 28.4.69
MARTHA W. KINLOCH	A. REDFERN
MARGARET BOYLE	Commenced 5.5.69
ELIZABETH B. CURRIE (Part-time)	MOIRA ANDERSON
BERNADETTE CAMPBELL	Resigned 5.10.68
JANET BAILEY	MAIRI McLEITCHIE
	GLORIA STEWART

*Orthopaedic Clinic Attendant*  
MARGARET C. BLACK

*Hygiene Attendants*  
BARBARA STEPHENSON  
MARION GRAY

*Clerkess*  
JANE H. MACLEOD



## REPORT

ON THE

MEDICAL INSPECTION AND TREATMENT OF SCHOOL  
CHILDREN IN THE COUNTY OF DUNBARTON

## NUMBER OF SCHOOLS

*School Management Area—*

Cumbernauld .. .. .	13
Kirkintilloch .. .. .	12
New Kilpatrick .. .. .	11
Old Kilpatrick .. .. .	21
Dumbarton .. .. .	10
Vale of Leven .. .. .	14
Helensburgh .. .. .	10
	<hr/>
	91
	<hr/>

NUMBER OF CHILDREN ON REGISTER AND IN AVERAGE  
ATTENDANCE DURING SESSION 1968/69

<i>School Management Area</i>	<i>Average on roll</i>	<i>Average Attending</i>	<i>Per Cent.</i>
Cumbernauld .. .. .	6414.2	5983.1	93.2
Kirkintilloch .. .. .	6395.9	5943.8	92.9
New Kilpatrick .. .. .	4937.9	4624.4	93.6
Old Kilpatrick .. .. .	11431.2	10646.6	93.1
Dumbarton .. .. .	6331.1	5800.7	91.6
Vale of Leven .. .. .	4281.7	3926.3	91.7
Helensburgh .. .. .	3412.1	3111.3	91.1
	<hr/>	<hr/>	<hr/>
Total .. .. .	43204.1	40036.2	92.6
	<hr/>	<hr/>	<hr/>

## NUMBER OF VISITS FOR SYSTEMATIC EXAMINATIONS

NOTE: One whole day spent in school counts as two visits  
(morning and afternoon sessions).

Number of visits as above .. .. . 511

## NUMBER OF SPECIAL VISITS BY MEDICAL OFFICERS

For examination of backward, mentally or physically defective children ..	59
For re-examination of defective children .. .. .	12
Attendances at school clinics .. .. .	54
Attendances for office work, etc. .. .. .	58
For inquiry regarding infectious diseases (including scabies) .. .. .	1
Diphtheric Immunisation .. .. .	48
Poliomyelitis Vaccination .. .. .	—
B.C.G. Vaccination .. .. .	27
Child Welfare Clinics .. .. .	552
Orthopaedic .. .. .	45
Others (ascertainment—deaf children) .. .. .	127
	<hr/>
	983

## IMPROVEMENTS TO SCHOOLS

During the year 1968-69 apart from three additional schools being completed, Notre Dame High School for Girls has been replaced by a building of the most up to date design including meals, dining premises and toilets of a much higher standard than in the old school. There is also a swimming pool provided for the girls, this pool being larger than the pool in any other school in the County.

At Bearsden Academy a new staff common room with servery has been built and additional toilet facilities have been provided for the staff at Failley, Linnvale and Our Holy Redeemer's Primary Schools.

New inside toilets for the pupils at St. Patrick's High School with space heating and hot and cold water in the ablutions have been put into use. Also a new portable toilet and ablution unit has been provided at Goldenhill Primary School to supplement the toilets already existing there and a similar unit has been provided at Kilcreggan Primary School as a temporary measure until the new school, which is in course of construction, has been completed.

Additional hutted classroom accommodation which includes toilet and washing facilities has been erected at Bonhill Primary School.

In five school kitchens the earthenware sinks and galvanised sterilising units have been replaced with stainless steel units which have integral drainers at a cost of £2,850 and in 16 schools 58 additional sinks have been installed in the classrooms.

Twenty-one schools have been completely painted inside and outside at a total cost of £49,000.

In addition many other replacements and repairs have been carried out as and when required in order to maintain the schools in a satisfactory sanitary condition.

### GENERAL REVIEW

Routine inspection was carried out on 7688 children—

The number of children examined non-routinely, i.e., at clinics mainly, was 500.

### SCHOOL DENTAL SERVICE

*Report by SHEILA S. STEWART, Chief Dental Officer*

Recruitment of dental officers has been difficult and with staff shortages and illness we have not accomplished as much as we would have liked. Young newly-qualified dentists tend to prefer to gain experience in general practice rather than move into the School Dental Service where they are dealing with children full-time. In the main, we find that the young female graduate is ideal for this type of work, but she is inclined to marry early and we lose her at this point. In spite of these difficulties however we have done our utmost to provide the best service possible under the circumstances.

The number of routine inspections carried out in schools has been somewhat limited because of the number of children who, though not necessarily in pain, have acquired the habit of coming to the clinics for six-monthly check-ups without being notified to do so. Headmasters and teachers have been extremely helpful here, and keep dental forms which are given to these children on request.

The Dental Health Campaign aimed at encouraging new entrants to primary schools to take care of their teeth was carried out as in previous years in co-operation with the Scottish Health Education Unit. These campaigns are having the success they rightly deserve and can do nothing but good. In this matter again we are dependent upon a great deal of co-operation from school staffs who go 'all out' to help wherever and whenever possible.

SPEECH DEPARTMENT  
ANNUAL REPORT SESSION 1968-69

*Report by Miss N. M. MAXWELL, Chief Therapist and in charge of the  
Departments of Speech Therapy and Speech Training.*

During the past session the importance of the spoken word has been under intensive consideration, and recognition of the necessity of oral ability has given speech some priority in the educational curriculum. Clear and concise thinking with adequate language to communicate thoughts and ideas, with a clear understandable delivery, is obviously essential to progress. Speech is the doorway of personality, and drama has proved invaluable in development and growth. The teachers of speech and drama have been working towards this and with some encouraging results. The dual service of Speech Therapy and Speech Training has ensured that children suffering from defective speech have not only had the benefit of Speech Therapy, but because of the close liaison between the teachers and the speech therapists, many have been able to acquire normal speech and take part in the oral activities of the class.

We have not, of course, had sufficient staff of either teachers or speech therapists to meet the needs of the County. In May and June of last session we lost two full-time therapists, one to a promoted post, and one for domestic reasons, and we have been unable to replace them. By the end of August we were fortunate in securing the part-time services of Mrs. Gardner, a fully-qualified speech therapist from England, who came to live in Helensburgh. Without her, that area would have been seriously depleted. Even so, it is not adequately covered. In other parts of the County, half-day sessions per week had to suffice where formerly a full day had been allocated. We had waiting lists, but the therapists carried heavy loads to keep these at a minimum. (See statistics appended.) When this session ends we say farewell to two full-time workers, Miss Chambers and Miss Mullen. The latter has served for four years, and the former for 15 months. They go to take up senior posts in the Glasgow Speech Therapy Service. It is with regret that we part with these two able therapists, and we thank them for their services to the County.

As formerly student therapists were admitted to our centres for clinical training. This session we had a rota of first-year students (observation only), four second-year and six third-year students. Four of the final-year students were examined in our centres, two at Kilbowie and two at Moss Cottage. If they are successful in gaining their diplomas, three of them will be appointed to our Speech Therapy Service. Being newly qualified they will require more supervision than the experienced ones we

are losing, but their appointment prevents a near critical situation. We hope to welcome Miss Lillias Paton of Alexandria, Miss Gail Donald of Bearsden, and Miss Wallace of Dumbarton, to our staff in August.

The Assessment Committee for children with hearing loss has continued to review such children, and a speech therapist has been present when speech disorder has also been a factor. In this way it is hoped to ensure the best possible treatment for their needs, and prevent unnecessary delay. The otologist and a medical officer from the Assessment Committee, along with Mr. Murray Allan, met with all the speech therapists at Moss Cottage on 2nd May, 1969, to discuss procedures. This proved very helpful. For some time now all children having speech therapy have been tested for hearing loss. This will continue, in addition to the sweep tests carried out on all children in the various age groups.

We are fortunate in the careful medical examinations carried out by the school medical officers and general practitioners, and for their early referral, with reports and advice. Ear, nose and throat and other specialists are ever ready and willing to carry out the necessary examinations, and make available information which is valuable when proceeding with speech therapy treatment. The Chief Medical Officer, Dr. Harvey, makes accommodation available for speech therapy in the health clinics so that the speech therapist is able to see pre-school children and deal with their problems in the early stages, four to five years old being an important period in speech development. In many instances the child's speech difficulties have been overcome, and these little ones have been made ready to take their place in class on entering school. We are indebted to the health visitors at these centres for their co-operation and help with the family background acquired from their home visits. Such information is essential and speech therapists are in too short supply to allow time for home visiting in their schedule. The physiotherapists and dental officers also are most willing to co-operate when need arises. Dr. McAlister continues to act as Honorary Consultant on cases of specific difficulty.

In December the speech therapists had the usual get together with the psychologists at Moss Cottage, when cases common to both were discussed. We find this general discussion of value, and, throughout the session, the psychologist can have close liaison with the speech therapist working in her area.

Talks have been given to the mothers of young children in nursery and play-groups by both Mrs. Wilson, Senior Speech Therapist, and myself. These take the form of information regarding 'milestones' in speech development, and advice on home procedures. Parent interviews are constantly being carried out by the speech therapists during treatment of children of all ages (see statistics). Those who have left school, but who



require follow-up treatment, and other adults, are attended to at Moss Cottage. The service continues to supply three sessions per week to the County hospitals. In addition to the health centres, two regional centres at Moss Cottage and Kilbowie, operate weekly to deal with cases of a complex nature.

During the past session, six schools have had a speech therapist visiting one day per week and 27 schools one half-day per week. Unfortunately we are still unable to restore the full days, or to re-open the centres of work closed last year in the Balloch area, i.e., Balloch Clinic and three schools. Bank Street Clinic, Alexandria, admits all the most needful cases in the area, and is much over-loaded.

As indicated at the beginning of this report, during this session much review and consideration has been given to the best methods of teaching speech, oral communication and drama in schools. Free expression of thought, linking up with other subjects, and growth through drama have been the aims. Much thought has been given to the effective use of spoken English. Assessments of oral ability have been made based on the standard of response week by week throughout the session. These assessments are classified A, B, C and D. (A. Clear and concise thinking, immediate response with clarity of delivery. B. Able to respond at a good level and with adequate language. C. Average ability in oral response. D. Very slow, and requiring help.) For all Primary VII classes having a speech training teacher, the results have been made available to the headmasters of the secondary schools to which pupils will go in the new session.

The staff of speech and drama teachers has been somewhat depleted this session. It has been necessary to adjust the allocation of schools among those who have remained with the County to meet with G.T.C. regulations.

Mr. Whyte, H.M.I., has been studying procedures, and has been most helpful with guidance and advice. We hope to have further discussions on the subject.

Such work as has reached presentation level has been done at the request of headmasters and/or English departments, and carried out within the schools. We have maintained our childrens Travelling Theatre which has gone out at Christmas and in the summer term, with items from primary schools. They do good work in visiting the handicapped, the deaf, and children in rather isolated parts of the County. They are always most welcome, for they bring contact, interest and stimulation to children who cannot have weekly visits by a specialist teacher. I would express thanks to the schools concerned and to the Transport Department for their co-operation and helpfulness.

In October we will lose two of our present staff, Mrs. Ward goes to

Jordanhill Training College, and Mrs. Anderson to the Scottish Academy. Both have been accepted for three-year courses. We thank them for the faithful service they have given to the County, the former for 15 months, and the latter for three-plus years, teaching in both primary and secondary schools. Miss Sykes from England came to the County in August last. She did excellent work in five of our schools, but unfortunately, owing to serious illness at home, she had to return south in April. It is possible that we may lose others by 1970. Last January, Miss McKean joined the staff, and took up duties in the Vale of Leven Academy.

Two of the newly-qualified teachers have accepted posts with the County, and both belong to the East side. We hope to welcome Miss P. Cole and Mr. Martin Clarke in August. It is unfortunate that there are no applications for other parts of the County. Mr. Chandler, Principal of the Scottish Academy, College of Speech and Drama, gave me the opportunity to speak of our service to his final-year students. They were most interested, and it may be that they will find themselves disposed to apply to Dunbartonshire when their year at Jordanhill is completed.

During the session the existing staff covered 31 primary schools, one day per week, and 10 secondary schools, one day and sometimes two days each week.

The combined staff has worked faithfully and well for the benefit and advancement of the children at the various stages of their development. We have been ably supported and advised concerning the problems that inevitably arise throughout a session by the Senior Depute Director, Mr. Murray Allan.

#### Session 1968/69

### SPECIAL SCHOOLS AND CLASSES

#### (a) SPECIAL SCHOOLS

##### *Auchentoshan School, Clydebank*

This school caters for mentally handicapped, physically handicapped and myopic pupils. At the close of Session 1968/69 the numbers of pupils in attendance were:—Mentally Handicapped—171; Physically Handicapped—19; Myopic—10.

##### *Auchentoshan Occupational Centre, Clydebank*

There were 72 pupils on the roll of this centre.

##### *Elmwood School, Dumbarton*

There were 12 deaf or partially deaf pupils on the roll of this school.

*Glencryan School, Cumbernauld*

This school caters for mentally handicapped pupils in the Cumbernauld area. At the close of Session 1968/69 there were 47 pupils on the roll.

*Cumbernauld Occupational Centre*

There were 20 pupils on the roll of this centre.

## (b) SPECIAL CLASSES

*Lairdsland Primary School, Kirkintilloch*

There were 54 mentally handicapped pupils in the special classes attached to this school.

## MILK-IN-SCHOOLS SCHEME

The supply of milk to pupils in secondary schools was discontinued from August, 1968. The average number of primary pupils taking milk in schools during Session 1968/69 was 27,924 (approximately 91% of the roll).

## ULTRA-VIOLET LIGHT TREATMENT

The following are details of the work done at Dumbarton, Clydebank, Kirkintilloch, Bearsden, Alexandria, Helensburgh, Croy, Milngavie and Goldenhill Clinics during the year.

Number of patients treated	..	..	19
Total number of attendances	..	..	441

<i>Cause of Reference</i>	<i>No. of Patients</i>	<i>No. Improved</i>	<i>Condition Unchanged</i>
Bronchitis, etc. . . . .	3	2	1
Debility . . . . .	1	—	1
Frequent Colds and Coughs . .	7	7	—
Bronchial Catarrh . . . . .	—	—	—
Asthma . . . . .	5	3	2
Others . . . . .	3	3	—
	—	—	—
Totals . . . . .	19	15	4
	==	==	==



TABLE I

Total number of children examined at:

							<i>Systematic Examinations</i>
<i>(a) Primary Schools—</i>							
Entrants (5 yrs. of age)	..	..	..	..	..	..	4265
<i>Secondary Schools—</i>							
Second Age Group (13 yrs. of age)	..	..	..	..	..	..	2927
Third Age Group (16 yrs. of age)	..	..	..	..	..	..	496
							<hr/>
Total	..	..	..	..	..	..	7688
							<hr/>
<i>(b) Other Examinations—</i>							
Special cases	..	..	..	..	..	..	—
Re-inspection by Medical Officer	..	..	..	..	..	..	12
Eye tests (7 year olds)	..	..	..	..	..	..	464
'E' tests (entrants)	..	..	..	..	..	..	3293
							<hr/>
Total	..	..	..	..	..	..	3769
							<hr/>

TABLE V — DENTAL TREATMENT

		SCHOOL CHILDREN														
		Age	5	6	7	8	9	10	11	12	13	14	15	16	17	Total
Routine Dental Inspection			317	294	1171	1391	872	1695	2445	653	1350	76	21	22	12	10319
With Dental Defects			255	258	685	961	720	1120	2153	400	845	72	19	20	10	7518
Offered Treatment			255	238	615	861	520	921	1153	356	645	72	19	20	10	5685
Accepting Treatment			196	195	293	633	419	779	828	273	405	72	19	20	10	4142
Treated by S.D.O.*			177	261	367	528	428	658	757	342	527	151	36	26	22	4280
Made Dentally Fit			101	214	271	444	375	595	654	274	603	242	88	29	37	3927
Special and Emergency Cases First Visits only			162	190	180	173	156	162	83	132	125	134	54	7	15	1573

\* Includes cases carried forward from previous year and children reporting to clinics for routine inspection on own initiative.

Table Va

## DETAILS OF TREATMENT

Type of Treatment		Routine 1	Emer. 2	Total 1 & 2
Fillings	Perm. Teeth	12091	—	12091
	Temp. Teeth	3098	—	3098
Extractions	Perm. Teeth	1381	344	1725
	Temp. Teeth	2492	953	3445
Administration of General Anaesthetic Routine + Ortho + Special		958	102	1060
Other Operations	Perm. Teeth	3248	197	3445
	Temp. Teeth	64	49	113
Dentures	Partial	55	—	55
	Full	2	—	2
Repairs to Dentures		8	—	8
Radiographs		122	—	122

Attendances for Treatment	School Children 5-17 years	R.	17586
		E.	1651

R. = Routine.

E. = Emergency.

TABLE Vb  
ORTHODONTIC TREATMENT

Number of cases from last year	110
New cases	90
Cases completed	120
Cases discontinued	20
Attendances	1204
Consultations with Consultant Orthodontist	—
Number of Diagnostic Examinations	112
Number of Diagnostic Examinations N.T.O.	6
Treated without Appliance	20
Removable Appliances Fitted	134
Treated Fixed Appliance	—
Number of Extractions Permanent	67
Number of Extractions Temporary	28
Repairs	25
Radiographs Intra-Oral	102
Radiographs Extra-Oral	—

TABLE VI.  
AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS  
See also table on page 28

Total Number Examined at all Ages	BOYS																	
	Entrants					Age 9				Age 13				Age 16				
	No. Exam.	Avg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wght. (Lbs.)		
1968-69	...	...	2178	Y. M. —	43.37	42.82	—	—	1491	Y. M. —	60.52	99.17	209	Y. M. 16 8	66.75	133.00		
1967-68	...	...	1391	5 2	42.50	42.25	—	—	480	13 4	58.00	96.50	—	—	—	—		
1966-67	...	...	2031	5 5	43.50	43.00	—	—	1140	13 6	59.75	94.25	216	16 3	66.75	130.75		
1965-66	...	...	2015	5 4	43.50	43.00	—	—	1175	13 6	61.25	102.25	282	16 6	66.50	131.25		
1964-65	...	...	1928	5 7	44.25	44.75	—	—	1351	13 4	59.25	95.25	155	16 3	66.50	134.50		
1963-64	...	...	1695	5 8	43.50	43.50	—	—	1275	13 4	59.75	95.25	298	16 4	67.50	134.00		
1962-63	...	...	1609	5 6	43.50	43.25	—	—	1364	13 3	60.25	96.75	298	16 1	66.00	121.00		
1961-62	...	...	1578	5 6	43.50	43.25	1385	9 1	51.50	62.50	1281	13 4	59.75	95.75	185	16 3	66.50	127.75
1960-61	...	...	1312	5 6	43.75	44.25	1263	9 5	52.25	63.0	1411	13 6	60.25	94.0	178	16 3	66.25	131.00
County Average— Years 1950-51 to 1959-60			13217	5 6	43.6	43.6	12887	9 5	51.7	63.1	10289	13 4	58.5	93.3	1067	16 5	67.0	131.1
County Average— Years 1940-41 to 1949-50			11647	5 5	42.8	43.2	10608	8 11	50.0	57.3	10134	13 4	58.9	88.0	1017	16 4	66.9	127.0
County Average— Years 1930-31 to 1939-40			12495	5 6	44.6	41.8	11767	8 8	49.4	56.5	*7108	13 7	58.9	89.5	1163	16 4	65.6	124.1
County Average— Years 1919-20 to 1929-30			13238	5 7	42.1	41.2	11863	8 7	48.3	54.3	—	—	—	—	697	16 1	64.3	118.8

\* Previous to the session 1930-31, the average of the Third Age Group was 12 years. The number of children examined at the average age of 13 years is, therefore, comparatively small.



Table X  
SCHOOL EYE CLINICS

Year 1968-69	Appointments Given	First Visits (This Year)	Attendances (Total)	Glasses Ordered	Referred to Orthoptist	Sessions	
						Doctor	Optician
Dumbarton .. .. (includes Vale of Leven)	796	575	590	377	—	44	58
Helensburgh .. ..	264	167	203	91	2	20	20
Bearsden, Milngavie .. (Hillfoot Clinic)	351	213	291	52	11	15	18
Kirkintilloch .. ..	323	66	245	90	7	23	26
Clydebank .. ..	1347	910	978	439	36	98	113
Cumbernauld .. ..	373	96	275	109	11	26	29

TABLE XIII  
RESULTS OF AUDIOMETRIC SURVEY  
1968-1969

Cases Referred for														
Age-Groups Children Examined	No. Listed	No. Tested	No. Normal Hearing	No. Defective Hearing	Grade				S.M.O.	E.N.T. Exam.	Special Seat- ing	Hear- ing Aid	Medi- cal Treat- ment	No Action
					I	IIA	IIB	III						
1962 ... ..	2190	2029	1943	86	79	5	2	—	64	28	3	2	17	22
1963 ... ..	3026	2801	2636	165	145	17	3	—	129	69	6	2	28	28
Children born outwith Age-Groups ...	1497	1465	1369	96	78	14	3	1	64	37	2	3	16	21

No. of individual pure tone tests—Hartfield	650
Whitecrook	676
Kirkintilloch	879



TABLE XIV

SPEECH THERAPY—SUMMARY OF STATISTICS, 1968-69

CLINIC or SCHOOL	No. on Roll	Left	Discharged			Transferred		Admitted	No. on Roll
			Cleared	Non-Co-op.	Deferred	In	Out		
Aitkenbar .. .. .	11	—	—	—	16	—	1	6	16
Abronnhill .. .. .	5	3	5	1	—	1	—	11	8
Auchentoshan .. .. .	29	2	7	—	—	1	—	4	25
Banks St. Clinic .. .. .	18	—	15	1	—	—	—	12	14
Bearsden Primary .. .. .	8	1	6	—	—	1	—	6	8
Bearsden Academy .. .. .	(included in Hillfoot Clinic)	—	—	—	—	—	—	—	—
Bonhill Primary .. .. .	(included in Bank Street Clinic)	—	—	—	—	—	—	—	—
Carbrain Primary .. .. .	6	—	10	—	—	5	3	9	7
Cardross School .. .. .	Closed	—	—	—	—	—	—	—	—
Castlehill School .. .. .	10	—	6	—	—	1	—	6	11
Clyde Street .. .. .	(included in Hermitage Clinic)	—	—	—	—	—	—	—	—
Clober School .. .. .	5	1	4	—	—	5	—	1	6
Clydebank High School .. .. .	(included in Kilbowie School Clinic)	—	—	—	—	—	—	—	—
Condorrat .. .. .	(included in Town Centre Clinic)	—	—	—	—	—	—	—	—
Cumbernauld Village .. .. .	4	—	—	—	—	—	—	—	4
Croy .. .. .	—	1	—	1	—	—	—	15	13
Dalmuir .. .. .	14	1	7	1	—	3	1	5	12
Dalreoch .. .. .	9	—	6	1	—	—	—	9	11
Edinbarnet .. .. .	10	—	6	3	—	—	—	5	6
Faifley .. .. .	12	—	8	—	—	—	1	4	7
East King Street .. .. .	(included in Hermitage Clinic)	—	—	—	—	—	—	—	—
Elgin Street .. .. .	8	—	4	—	—	—	—	4	8
Gartconner School .. .. .	(included in Townhead Clinic)	—	—	—	—	—	—	—	—
Gavinburn .. .. .	9	1	7	—	—	1	—	10	12
Goldenhill Clinic .. .. .	12	3	3	2	—	6	5	18	23
Goldenhill School .. .. .	6	—	3	—	—	—	1	8	10
Haldane School .. .. .	15	—	Deferred	—	15	—	5	5	15
Hartfield Clinic .. .. .	7	—	7	1	—	4	1	8	10
Hermitage Clinic .. .. .	33	4	18	—	—	7	12	41	47
Hermitage Academy .. .. .	(included in Hermitage Clinic)	—	—	—	—	—	—	—	—
Hermitage Primary .. .. .	(included in Hermitage Clinic)	—	—	—	—	—	—	—	—
Hillfoot Clinic .. .. .	25	7	18	1	—	6	3	4	6
Hillhead Primary .. .. .	18	—	7	—	—	1	2	5	15
Holy Family .. .. .	10	—	10	2	—	3	—	7	8
Jamestown School .. .. .	Closed	—	—	—	—	—	—	—	—
Kilbowie School .. .. .	15	2	4	—	—	3	2	11	21
Killermont School .. .. .	(included in Hillfoot Clinic)	—	—	—	—	—	—	—	—
Kildrum School .. .. .	(included in Kildrum Clinic)	—	—	—	—	—	—	—	—
Kildrum Clinic .. .. .	18	—	5	1	—	5	10	19	26
Knoxland School .. .. .	11	—	9	1	—	5	1	2	7
Lairdsland .. .. .	14	—	11	—	—	1	4	10	10
Langlands .. .. .	—	—	7	—	—	5	—	5	3
Lenzie Primary .. .. .	(included in Townhead Clinic)	—	—	—	—	—	—	—	—
Lenzie Academy .. .. .	(included in Townhead Clinic)	—	—	—	—	—	—	—	—
Linnvale School .. .. .	14	—	11	—	—	1	1	8	11
Milngavie Clinic .. .. .	11	—	3	1	—	—	7	7	7
Milngavie Primary .. .. .	14	3	11	—	—	3	1	12	14
Milton .. .. .	6	(Deferred, lack of staff)	6	—	—	—	—	—	—
Moss Cottage .. .. .	48	15	20	—	—	1	8	11	17
Muirfield .. .. .	10	—	5	—	—	3	6	12	14
O.C. Abronnhill .. .. .	20	1	1	1	—	6	—	7	30
O.H. Redeemer .. .. .	11	—	6	2	—	1	—	2	6
Oxgang Primary .. .. .	—	—	9	—	—	2	—	14	7
Renton .. .. .	Closed	—	—	—	—	—	—	—	—
Sacred Heart .. .. .	6	(now included in Kildrum Clinic)	—	—	—	—	6	—	—
St. Eunan's .. .. .	18	16	(Deferred, lack of staff)	2	—	—	—	—	2
St. Flannan's .. .. .	17	—	13	2	—	—	—	8	10
St. Joseph's Faifley .. .. .	14	5	8	1	—	1	—	11	12
St. Joseph's Milngavie .. .. .	(included in Milngavie Clinic)	—	—	—	—	—	—	—	—
St. Kessog's .. .. .	5	(Deferred, lack of staff)	5	—	—	—	—	—	5
St. Mary's Ravenswood .. .. .	—	1	10	2	—	13	—	6	6
St. Martin's .. .. .	Closed	—	—	—	—	—	—	—	—
St. Ninian's .. .. .	(included in Townhead Clinic)	—	—	—	—	—	—	—	—
St. Patrick's Primary .. .. .	8	—	6	1	—	1	1	4	5
St. Peter's .. .. .	9	—	11	1	—	4	—	7	8
St. Stephen's .. .. .	8	—	6	2	—	3	—	3	6
Seafar .. .. .	8	—	8	—	—	3	2	12	13
Townhead Clinic .. .. .	20	2	2	3	—	—	7	18	24
Town Centre Clinic .. .. .	15	—	8	—	—	4	13	26	24
Twechar .. .. .	—	2	3	—	—	2	1	9	5
Vale of Leven Academy .. .. .	(Now included in Bank Street Hillfoot)	—	—	—	—	—	—	—	—
Westerton .. .. .	5	(Now included in Hillfoot)	—	—	—	—	6	1	—
Whitcrook .. .. .	14	—	7	1	—	—	1	10	15
<b>TOTAL .. .. .</b>	<b>623</b>	<b>71</b>	<b>341</b>	<b>33</b>	<b>44</b>	<b>112</b>	<b>112</b>	<b>430</b>	<b>616</b>
<b>Hospitals .. .. .</b>									
Vale of Leven Hospital .. .. .	5	3	2	—	—	—	—	6	6
Joint Hospital Dumbarton .. .. .	1	3	—	—	—	—	1	4	1
Blawarthill .. .. .	7	1	2	—	—	1	—	—	5
<b>TOTAL .. .. .</b>	<b>13</b>	<b>7</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>10</b>	<b>12</b>

TABLE XV  
SPEECH THERAPY AND SPEECH TRAINING  
ANNUAL STATISTICS, SESSSION 1968/69

*Classification of Cases*

	<i>Cleft Palate</i>	<i>Dyslalia</i>	<i>Dysphonia</i>	<i>Stutter</i>	<i>Aphasia Disphasic</i>	<i>Others</i>	<i>Total</i>
List A	20	712	19	124	7	92	974
B	2	106	5	15	—	20	148
C	2	96	—	16	—	14	128
							1,250

*Age Groups*

	—5 B. G.	5+ B. G.	6+ B. G.	7+ B. G.	8+ B. G.	9+ B. G.	10+ B. G.	11+ B. G.	12+ B. G.	13+ B. G.	14+ B. G.	15+ B. G.
List A	67 29	113 52	146 55	103 50	72 37	66 20	38 18	23 12	23 8	11 3	7 1	7 13
B	19 2	23 7	27 16	21 5	10 2	1 4	6 0	2 0	0 0	1 1	1 0	0 0
C	29 5	17 13	21 8	8 4	2 0	7 2	3 0	1 0	3 0	1 0	1 3	0 0

*Districts*

	<i>List A</i>	<i>List B</i>	<i>List C</i>	<i>Total</i>
Dumbarton .. .. .	112	26	19	157
Helensburgh .. .. .	69	0	11	80
Vale of Leven .. .. .	30	17	21	68
Old Kilpatrick .. .. .	290	85	65	440
New Kilpatrick .. .. .	114	9	8	131
Kirkintilloch .. .. .	144	11	4	159
Cumbernauld .. .. .	215	0	0	215
	974	148	128	1,250

*List A*

Number of Cases continued next session 573	No. dismissed satisfactory .. 294
	Improved to limit .. .. 29
	No co-operation .. .. 37
	Left district .. .. 41
	Advice only (List C) .. .. 128

## Source of Reference

	<i>Schools and/or Psychologists</i>	<i>M.O.</i>	<i>Parents</i>	<i>*Others</i>	<i>Total</i>
List A ..	585	260	70	59	974
B ..	114	17	9	8	148
C ..	82	25	10	11	128
Total ..	781	302	89	78	1,250

\*Others—Referred by Dental Offices, Hospital, Health Visitors and other Therapists.

Referrals by Therapist to M.O. or D.O. .. .. .	114
Referrals by Therapist to Psychologist for I.Q./and/or advice .. ..	113
Number of Parent Interviews .. 1,092	Number A treatments .. 12,928
Audiometric Tests .. .. .	565

Number of poor speakers referred to Speech Training Teacher . . .	26
Number transferred after therapy to Speech Training Teacher .. .	21

	<i>Male</i>	<i>Female</i>	<i>Treatments</i>
Adults resident in County receiving therapy ..	—	—	—
Adults in Vale of Leven Hospital receiving therapy	2	8	92
Adults in Joint Hospital Dumbarton receiving therapy	3	4	138
Adults in Blawarthill Hospital, Clydebank receiving therapy .. .. .	2	5	203

List A—Cases actually under treatment

List B—Cases on waiting list

List C—Advice and interview only

TABLE XVIII—

Clinic	Result	Kyphosis			Lordosis			Kypho- Lordosis			Scoliosis			Chest		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Dumbarton ...	Treatment Completed ...	-	1	1	-	-	-	-	-	-	-	-	-	4	2	6
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vale of Leven at Dumbarton	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Helensburgh ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goldenhill ...	Treatment Completed ...	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Old Kilpatrick	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auchentoshan	Treatment Completed ...	-	-	-	-	-	-	-	4	4	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kirkintilloch ...	Treatment Completed ...	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	1	-	1	-	-	-	-	-	-	-	1	1	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clydebank ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hillfoot ...	Treatment Completed ...	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Milngavie ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cumbernauld ...	Treatment Completed ...	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NUMBER OF

Clydebank .. .. .	371
Vale of Leven at Dumbarton ..	117
Kirkintilloch .. .. .	218
Old Kilpatrick .. .. .	—
Milngavie .. .. .	56
Auchentoshan .. .. .	176

# Orthopaedic Treatment

DEFORMITY OR DISEASE																							
Feet Deformities			Infantile Paralysis & Spastic Paralysis			Asthma			Bronchitis			Mouth Breathers			Rheumatism			Others			Total		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
2	4	6	-	-	-	5	1	6	2	-	2	-	-	-	-	-	-	-	-	-	13	9	22
3	1	4	-	-	-	4	4	8	1	1	2	-	-	-	-	-	-	-	-	-	8	8	16
2	-	2	-	-	-	1	-	1	1	1	2	-	-	-	-	-	-	-	-	-	4	1	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	2	-	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	3	1	4
-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	2	2	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4
2	1	3	1	2	3	4	2	6	-	-	-	-	-	-	-	-	-	-	-	-	7	5	12
-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	3	-	1	1	5	1	6	3	-	3	-	1	1	-	-	-	2	1	3	14	5	19
3	12	15	-	-	-	6	-	6	-	-	-	-	-	-	-	-	-	5	-	-	15	13	28
-	4	4	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	1	2	-	4	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	3	9	1	1	2	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
7	6	13	1	1	2	3	1	4	-	-	-	-	-	-	-	-	-	2	1	2	8	7	15
-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	5	13	2	-	2	1	2	3	-	-	-	1	1	2	-	-	-	1	-	1	13	9	22
3	3	6	-	-	-	2	2	4	-	-	-	-	-	-	1	-	1	-	2	3	7	8	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	4	5	-	-	-	1	1	2	1	1	2	-	-	-	-	-	-	-	-	-	3	7	10
6	8	14	-	-	-	1	2	3	-	-	-	-	-	-	-	-	-	1	2	3	10	15	25
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	1	2	-	2	3	-	3	-	1	1	-	-	-	-	-	-	-	-	-	6	1	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	6	11	-	1	1	4	3	7	16	13	29	7	3	10	-	-	-	4	3	7	36	30	66
2	9	11	2	2	2	2	-	2	5	1	6	-	-	-	-	-	-	-	1	1	11	11	22
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## TREATMENTS GIVEN

Helensburgh	..	..	..	472
Hillfoot ..	..	..	..	208
Cumbernauld	..	..	..	684
Goldenhill	..	..	..	336
Dumbarton	..	..	..	1094

## SYSTEMATIC EXAMINATIONS

The following tables are supplied by the Scottish Home and Health Department from information given to them by this Authority on the new record card introduced last session by the Government. With regard to these tables it should be noted that in some cases the results are expressed as a rate per 100,000 children examined and one therefore has to take this factor into consideration when interpreting the results given in view of the fact that the total average number on the roll of the county schools amounted only to 43,204.

## NUMBER OF EXAMINATIONS

ENTRANTS				LEAVERS			
<i>Number Examined</i>		<i>Percentage with Defects</i>		<i>Number Examined</i>		<i>Percentage with Defects</i>	
<i>Boys</i>	<i>Girls</i>	<i>Boys</i>	<i>Girls</i>	<i>Boys</i>	<i>Girls</i>	<i>Boys</i>	<i>Girls</i>
2,178	2,087	49.36	51.13	1,491	1,436	40.64	37.33
			Scottish	Totals			
45,539	43,383	53.75	49.78	33,295	33,295	44.42	43.21

## NUMBER OF EXAMINATIONS BY NUMBER IN FAMILY

<i>No. in Family</i>	ENTRANTS		LEAVERS	
	<i>Boys</i>	<i>Girls</i>	<i>Boys</i>	<i>Girls</i>
1	136	134	102	89
2	771	705	372	351
3	609	586	342	333
4	302	320	255	249
5	181	169	170	186
6	74	86	114	81
7	53	37	62	52
8	27	30	30	39
9	11	12	25	25
10	9	5	8	16
11	4	1	4	10
12	—	1	3	1
13	1	—	—	1
14	—	1	3	2
15	—	—	—	—
16	—	—	—	1
17	—	—	—	—
18	—	—	—	—
19	—	—	1	—



## AVERAGE HEIGHTS AND WEIGHTS BY NUMBER IN FAMILY

<i>No. in family</i>	ENTRANTS				LEAVERS			
	Boys		Girls		Boys		Girls	
	<i>Height</i> (ins.)	<i>Weight</i> (lbs.)	<i>Height</i> (ins.)	<i>Weight</i> (lbs.)	<i>Height</i> (ins.)	<i>Weight</i> (lbs.)	<i>Height</i> (ins.)	<i>Weight</i> (lbs.)
1								
2	43.60	43.46	43.11	41.65	61.47	108.75	61.08	108.71
3	43.78	43.47	43.39	42.34	61.02	101.30	61.38	108.50
4	43.45	43.00	42.92	41.44	60.92	100.50	60.76	103.13
5	42.83	41.99	42.66	40.51	60.10	97.09	60.52	103.10
6	42.89	41.63	42.34	40.00	60.00	96.08	60.21	101.91
7	42.54	41.36	42.07	39.65	59.83	96.05	60.06	101.37
8	42.74	41.79	41.11	39.30	59.18	91.79	59.88	98.65
9	42.70	42.11	41.97	39.03	58.70	89.63	60.03	98.87
10	43.09	42.00	41.75	38.75	60.64	99.16	59.92	103.48
11	42.22	40.56	42.20	41.60	59.88	96.38	59.25	93.25
12	41.25	40.50	39.00	34.00	59.25	89.25	58.90	99.10
13	—	—	38.00	33.00	63.67	102.00	57.00	88.00
14	36.00	35.00	—	—	—	—	59.00	97.00
15	—	—	42.00	37.00	59.33	96.00	57.00	88.00
16	—	—	—	—	—	—	56.00	80.00
17	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—
19	—	—	—	—	58.00	88.00	—	—



NUMBER OF HANDICAPPED PUPILS OF SCHOOL AGE,  
AND MAIN DISABILITY AND LOCATION

Disability	At Ordin- ary School	At Special School/Class		In Hospital		Home Teaching	No Education Provision Made	Tot <sup>al</sup> .
		Excluding Occupation Centre	Occupation Centre Only	Other than Mental/M.D.	Mental/M.D. Only			
1 Deaf	0	10	1	0	0	0	0	11
2 Partially Deaf	1	9	0	0	0	0	1	11
3 Blind	0	3	0	0	0	0	3	6
4 Part-sighted	0	6	0	0	0	0	1	7
5 Other Sensory	2	0	0	0	0	0	1	3
11 Mental Defect— Eduable	6	181	1	0	0	0	4	192
12 Mental Defect— Trainable	0	2	55	0	0	0	8	65
13 Mental Defect— Not Trainable	0	0	2	0	3	0	6	11
14 Mental Defect Undetermined	1	2	4	0	0	0	14	21
15 Psychosis	0	0	0	0	0	0	0	0
16 Maladjustment	0	2	0	0	0	0	0	2
17 Brain Damage— Cerebral Palsy	6	12	5	0	0	0	10	33
18 Other Brain Damage	0	1	0	0	0	0	3	4
19 Epilepsy	0	0	0	1	0	0	2	3
20 Spina Bifida/ Hydrocephalus	2	3	0	0	0	0	7	12
21 Speech Defect	0	0	0	0	0	0	0	0
22 Other Neuro/ Psy. Defect	0	1	0	0	0	0	1	2
31 Absence of Upper Limb(s)	1	0	0	0	0	0	0	1
32 Absence of Lower Limb(s)	0	0	0	0	0	0	0	0
33 Deformity of Upper Limb(s)	2	0	0	0	0	0	2	4
34 Deformity of Lower Limb(s)	1	0	0	0	0	0	3	4
35 Spinal Defect (Not S. Bifida)	0	0	0	0	0	0	0	0
36 Paralysis	1	0	0	0	0	0	3	4
37 Orthopaedic	7	4	0	0	0	0	2	13
41 Heart Disease	1	2	0	0	0	0	2	5
42 Diabetes	3	0	0	0	0	0	0	3
43 Other Metabol.	3	0	0	0	0	0	2	5
44 Cleft Palate	0	0	0	0	0	0	1	1
45 Asthma	3	0	0	0	0	0	0	3
46 Skin Condit.	0	0	0	0	0	0	0	0
47 Allergic Dis.	0	0	0	0	0	0	0	0
48 Other	5	1	0	0	0	2	8	16
TOTAL	45	239	68	1	3	2	84*	442

\*—With regard to the column giving figures for children for whom no educational provision is apparently made it should be noted that this includes 34 children who were awaiting placement and are who now in residential schools, special schools etc., and 20 children who attend day care units. The remaining 30 children are those who cannot at the moment benefit from any educational placement.

## RATES OF DEFECTS FOUND PER 100,000 CHILDREN EXAMINED

<i>International classification of disease</i>	<i>Defect</i>	ENTRANTS		LEAVERS	
		<i>Boys</i>	<i>Girls</i>	<i>Boys</i>	<i>Girls</i>
Primary tuberculous complex	012.0	46	48	—	—
Herpes simplex	054.0	46	—	—	—
Other viral disease of conjunctiva	078.0	46	—	—	—
Other viral disease	079.0	46	—	—	—
Warts and verruca	079.1	505	719	1,140	975
Ringworm and epidermophytosis	110.0	—	—	67	—
Stongyloidiasis	127.1	46	48	—	—
Pediculosis	132.0	46	240	—	279
Scabies	133.0	46	144	67	70
Haemangioma and Lymphangioma	227.0	92	527	—	209
Diabetes mellitas	250.0	—	—	—	139
Anterior pituitary hypofunction	253.1	—	—	67	—
Other and unspecified diseases of endocrine system	258.9	46	—	—	—
Protein malnutrition	267.0	46	—	—	—
Coeliac disease	269.0	—	48	—	70
Malabsorption syndrome unspecified	269.1	—	48	—	—
Phenylketonuria	270.0	—	48	—	—
Xanthomatosis	272.0	—	48	—	—
Obesity not specified as of endocrine origin	277.0	184	431	1,677	1,462
Anaemia unspecified	285.9	92	48	—	—
Haemorrhagic condition unspecified	287.9	46	—	—	—
Personality disorder (paranoid)	301.0	—	48	—	—
Personality disorder (affective)	301.1	872	1,150	201	209
Personality disorder (aggressive)	301.3	92	—	—	—
Personality disorder—asthenic	301.6	184	335	67	—
Personality disorder (other)	301.8	—	—	67	—
Stammering—Iidroglossia and deficient articulation	306.0	2,112	1,006	335	70
Enuresis	306.6	2,938	4,025	805	487
Backward and dull	310.0	46	—	67	348
	310.9	—	—	67	70
Feeble minded (E.S.N.)	311.0	—	—	402	209
	311.9	—	—	67	279
Imbecility	312.0	—	—	67	70
Cerebral palsy (congenital or infantile)	343.0	—	144	134	—
Epilepsy (petit mal)	345.0	46	48	67	70
Epilepsy (grand mal)	345.1	—	48	134	13
Epilepsy (Jacksonian)	345.2	—	48	—	—
Migraine	346.0	46	48	469	348
Conjunctivitis	360.0	92	96	—	70
Blepharitis	361.0	505	431	671	557
Stye	362.0	46	144	134	70
Corneal ulcer	363.0	—	48	—	—
Refractive errors (all)	370.0	1,515	2,012	8,920	12,187
Corneal opacity	371.0	46	48	—	—
Strabismus	373.0	2,479	2,971	1,677	1,253
Colour blindness (all types)	377.3	46	—	3,689	70
Blindness (one eye)	379.3	138	48	67	139
Otitis media (acute)	381.0	230	335	67	—
Otitis media (chronic supp.)	381.1	275	383	67	139
Eustachian catarrh	384.0	184	383	134	70
Complete loss both ears	389.0	46	—	67	70
Complete loss one, part deaf other	389.1	—	48	—	—

<i>International classification of disease</i>	<i>Defect</i>	ENTRANTS		LEAVERS	
		Boys	Girls	Boys	Girls
Deafness one ear	389.2	230	96	67	—
Impaired hearing one or both ears	389.9	735	383	201	348
Chronic rheumatic heart disease (mitral disease)	394.0	—	—	67	—
Disease of aortic valve (non-rheumatic)	395.9	—	—	67	—
Rheumatic disease of mitral and aortic valves	396.0	46	—	—	—
Pulmonary heart disease	426.0	46	—	—	—
Common cold	460.0	4,040	2,971	1,207	557
Acute sinusitis	461.0	—	—	67	—
Acute Tonsillitis	463.0	138	—	—	—
Acute Bronchitis	466.0	413	479	—	70
Chronic bronchitis	491.0	92	144	—	70
Asthma	493.0	1,377	383	1,207	418
Tonsillar hypertrophy (or adenoids)	500.0	8,724	10,350	2,347	2,855
Chronic nasopharyngitis—vasomotor rhinitis	502.1	413	383	201	209
D.N.S. (deflected nasal septum)	504.0	—	—	201	—
Hay fever	507.0	46	—	335	209
Anodontia	520.0	—	—	—	70
Impacted teeth	520.6	—	—	469	766
Dental caries	521.0	12,902	13,464	6,170	5,989
Attrition	521.1	—	48	—	—
Dental abscess	522.5	46	—	—	—
Malocclusion	524.4	—	—	—	70
Development dental cysts	526.0	46	—	—	70
Stomatitis	528.0	46	48	—	70
Duodenal ulcer	532.9	—	—	67	—
Diseases of appendix	543.0	—	48	—	—
Inguinal hernia	550.0	230	240	134	—
Umbilical hernia	551.1	—	96	—	—
Chronic pyelonephritis	590.0	—	48	—	70
Urinary tract infections (not otherwise specified)					
cystitis and other infection	599.0	—	48	—	—
Paraphimosis	605.0	46	—	—	—
Vaginitis and vulvitis	622.1	—	48	—	—
Menorrhagia	626.2	—	—	—	139
Boil of face	680.0	—	—	67	—
Boil or carbuncle	680.9	—	48	—	—
Impetigo	684.0	275	144	67	—
Pilonidal cyst	685.0	—	48	—	—
Eczema (not specified as allergic)	691.0	551	1,342	537	348
Eczema (due to food)	692.5	—	—	—	70
Eczema (allergic, i.e., as part of allergic complex)	692.9	735	479	201	139
Psoriasis	696.1	138	96	335	209
Keratoderma acquired	701.1	—	—	—	70
Keloid scar	701.3	—	48	268	70
Alopecia areata	704.0	46	—	—	70
Acne	706.1	—	—	1,207	1,671
Sebaceous cyst	706.2	46	48	—	—
Urticaria	708.0	505	767	335	348
Rheumatism	718.0	—	—	—	70
Juvenile osteochondrosis of hip	722.1	—	48	—	—
Other juvenile osteochondrosis	722.2	—	—	67	—
Synovitis	731.0	—	—	67	—
Infective myositis	732.0	46	—	—	—
Curvature of spine	735.0	—	—	—	139

<i>International classification of disease</i>	<i>Defect</i>	ENTRANTS		LEAVERS	
		<i>Boys</i>	<i>Girls</i>	<i>Boys</i>	<i>Girls</i>
Flat foot	736.0	918	527	604	836
Halux valgus and varus	737.0	46	48	—	70
Other bone deformities	738.0	275	479	67	70
Congenital hydrocephalus	742.0	—	48	—	—
Accessory auricle	745.1	—	48	—	—
Fallot's tetralogy	746.2	46	—	67	—
Interventricular septal defect	746.3	184	96	134	—
Fibroelastosis cordis	746.7	—	—	—	70
Other malformation	746.9	92	48	—	—
Patent ductus arteriosus	747.0	—	—	67	—
Coarctation of Aorta	747.1	—	48	—	—
Cleft palate	749.0	46	—	—	70
Hare lip	749.1	—	48	—	—
Undescended testicle	752.1	459	—	738	—
Hypostadias	752.2	184	—	—	—
Congenital hydrocele	752.4	46	—	—	—
Obstructive defect of urinary tract	753.2	46	—	—	—
Other specified anomalies of kidney	753.3	—	144	—	—
Clubfoot (congenital)	754.0	138	—	67	139
Syndactyly	755.1	—	48	67	—
Other anomaly of lower limbs	755.7	—	—	—	70
Other anomaly of ribs and sternum	756.3	—	—	67	—
Unspecified anomaly of musculo skeletal system	756.9	46	48	134	279
Pigmented naevus	757.1	46	48	201	70
Other specified anomalies of skin	757.2	46	—	—	70
Birth injury without mention of cause	772.2	46	—	—	—
Enlargement of lymph node	782.7	1,240	862	939	279
Incontinence of faeces	785.6	138	—	—	—
Abnormality of gait	787.6	46	—	—	—
Motor vehicle traffic accident involving collision with train	810.0	46	—	—	—
Motor vehicle traffic accident involving collision with pedestrian	814.0	—	—	67	—







